

WHAT IS CLAIMED IS

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1. A yield percentage managing method for managing a yield percentage of a target processed product with respect to at least one target raw material by use of a computer, comprising:

10 correcting or updating the yield percentage based on a processed amount K which indicates a total number or weight of target items of the target processed product processed from the target raw material.

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2. The yield percentage managing method as claimed in claim 1, further comprising:

20 a step to obtain an amount of the yield percentage to be corrected or updated, based on an initial value of the yield percentage and the processed amount K.

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3. The yield percentage managing method as claimed in claim 1, comprising:

30 a first calculation step to calculate an amount P of the target raw material used during a present term from $P = M + N - L$, where M denotes an amount of initial stock of the target raw material, N
35 denotes a buying amount of the target raw material, and L denotes an amount of final stock of the target raw material;

a second calculation step to calculate a theoretical value Q of the amount of the target raw material used during the present term from $Q = K/Y_r$, using the processed amount K and an initial value Y_r of the yield percentage the target product; and
5 a correction step to obtain a compared result by comparing the amount P of the target raw material used and the theoretical value Q , and to automatically correct or update the initial value Y_r
10 depending on an error of the compared result.

15 4. The yield percentage managing method as claimed in claim 3, wherein said correction step monitors a ratio P/Q of the amount P of the target raw material used and the theoretical value Q , and corrects or updates the initial value Y_r (%) so as
20 to satisfy a condition $(100\% - d\%) < (P/Q) < (100\% + d\%)$ of a tolerable range if the ratio P/Q does not satisfy the condition, where $d\%$ denotes a tolerance index.

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5. The yield percentage managing method as claimed in claim 1, wherein the processed amount
30 K is generated by a measuring apparatus based on measurement information which is obtained by measuring the target processed product by the measuring apparatus.

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6. A yield percentage managing apparatus for managing a yield percentage of a target processed product with respect to at least one target raw material by use of a computer,

5 comprising:

a control unit to correct or update the yield percentage based on a processed amount K which indicates a total number or weight of target items of the target processed product processed from the
10 target raw material.

15 7. The yield percentage managing apparatus as claimed in claim 6, wherein said control unit includes means for obtaining an amount of the yield percentage to be corrected or updated, based on an initial value of the yield percentage
20 and the processed amount K.

25 8. The yield percentage managing apparatus as claimed in claim 6, comprising:
a first calculation unit to calculate an amount P of the target raw material used during a present term from $P = M + N - L$, where M denotes an amount
30 of initial stock of the target raw material, N denotes a buying amount of the target raw material, and L denotes an amount of final stock of the target raw material; and

a second calculation unit to calculate a
35 theoretical value Q of the amount of the target raw material used during the present term from $Q = K/Yr$, using the processed amount K and an initial value Yr

of the yield percentage the target product,

wherein said control unit includes correction means for obtaining a compared result by comparing the amount P of the target raw material used and the theoretical value Q, and for automatically correcting or updating the initial value Yr depending on an error of the compared result.

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9. The yield percentage managing apparatus as claimed in claim 8, wherein said correction means monitors a ratio P/Q of the amount P of the target raw material used and the theoretical value Q, and corrects or updates the initial value Yr (%) so as to satisfy a condition $(100\% - d\%) < (P/Q) < (100\% + d\%)$ of a tolerable range if the ratio P/Q does not satisfy the condition, where d% denotes a tolerance index.

25 10. The yield percentage managing apparatus as claimed in claim 6, wherein the processed amount K is generated by a measuring apparatus which is coupled to the yield percentage managing apparatus based on measurement information which is obtained by measuring the target processed product by the measuring apparatus, and input to said control unit from the measuring apparatus.

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11. A measuring apparatus comprising:

means for generating measurement information which is obtained by measuring a target processed product which is processed from at least one target raw material, said measurement information including
5 an amount of target items processed of the target processed product, a weight and a number of labels issued;

means for inputting product information related to the target processed product to be subjected to a
10 measurement and an issuance of a label, said product information includes a product code, a cost per unit weight and an amount of the target processed product;

means for storing measuring apparatus master
15 data based on the product code, the cost per unit weight and the amount of the target processed product, said measuring apparatus master data including information for generating labeling information which includes at least a product name;

20 means for generating the labeling information to be indicated on the label of the target processed product, by referring to the measuring apparatus master data based on the product information;

means for obtaining a processed amount which
25 indicates a total number or amount of the target processed product that is processed, based on the measurement information; and

means for outputting the product information, the measurement information and the processed amount
30 with respect to the target processed product.

35 12. A network system having a server apparatus and a measuring apparatus coupled via a network, wherein:

said measuring apparatus comprises means for generating measurement information by measuring a target processed product which is processed from a target raw material, means for inputting product information related to the target processed product which is to be subjected to a measurement and an issuance of a label, means for storing a measurement apparatus master data including information for generating labeling information, and means for obtaining a processed amount indicating a total amount or weight of the target processed product that is processed based on the measurement information; and

said server apparatus corrects or updates a yield percentage of the target processed product with respect to the target raw material based on the processed amount which is obtained from the measuring apparatus via the network.

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13. The network system as claimed in claim 12, further comprising:

25 a master server apparatus to centrally manage a plurality of said server apparatuses,

wherein the measuring apparatus master data is set from the master server apparatus to the measuring apparatus via the server apparatus.

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14. The network system as claimed in claim 12, wherein said server apparatus comprises:

a first calculation unit to calculate an amount P of the target raw material used during a present

term from $P = M + N - L$, where M denotes an amount of initial stock of the target raw material, N denotes a buying amount of the target raw material, and L denotes an amount of final stock of the target raw material;

a second calculation unit to calculate a theoretical value Q of the amount of the target raw material used during the present term from $Q = K/Yr$, using the processed amount K and an initial value Yr of the yield percentage the target product; and

a correction unit to obtain a compared result by comparing the amount P of the target raw material used and the theoretical value Q, and to automatically correct or update the initial value Yr depending on an error of the compared result.

15. The network system as claimed in claim 14, wherein said correction means monitors a ratio P/Q of the amount P of the target raw material used and the theoretical value Q, and corrects or updates the initial value Yr (%) so as to satisfy a condition $(100\% - d\%) < (P/Q) < (100\% + d\%)$ of a tolerable range if the ratio P/Q does not satisfy the condition, where d% denotes a tolerance index.

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16. A computer-readable storage medium which stores a program for causing a computer to manage a yield percentage of a target processed product with respect to a target raw material, said program comprising:

a procedure causing the computer to correct or

update the yield percentage based on a processed amount K which indicates a total number or weight of target items of the target processed product processed from the target raw material.

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17. The computer-readable storage medium as claimed in claim 16, wherein said program further comprises:

a procedure causing the computer to obtain an amount of the yield percentage to be corrected or updated, based on an initial value of the yield percentage and the processed amount K.

18. The computer-readable storage medium as claimed in claim 16, wherein said program comprises:

a first calculation procedure causing the computer to calculate an amount P of the target raw material used during a present term from $P = M + N - L$, where M denotes an amount of initial stock of the target raw material, N denotes a buying amount of the target raw material, and L denotes an amount of final stock of the target raw material;

a second calculation procedure causing the computer to calculate a theoretical value Q of the amount of the target raw material used during the present term from $Q = K/Yr$, using the processed amount K and an initial value Yr of the yield percentage the target product; and

a correction procedure causing the computer to obtain a compared result by comparing the amount P

of the target raw material used and the theoretical value Q, and to automatically correct or update the initial value Yr depending on an error of the compared result.

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19. The computer-readable storage medium
10 as claimed in claim 18, wherein said correction procedure causes the computer to monitor a ratio P/Q of the amount P of the target raw material used and the theoretical value Q, and to correct or update the initial value Yr (%) so as to satisfy a
15 condition $(100\% - d\%) < (P/Q) < (100\% + d\%)$ of a tolerable range if the ratio P/Q does not satisfy the condition, where d% denotes a tolerance index.

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20. A computer-readable storage medium which stores a program for causing a computer to function as a measuring apparatus, said program
25 comprising:

a procedure causing the computer to generate measurement information which is obtained by measuring a target processed product which is processed from at least one target raw material,
30 said measurement information including an amount of target items processed of the target processed product, a weight and a number of labels issued;

a procedure causing the computer to input product information related to the target processed
35 product to be subjected to a measurement and an issuance of a label, said product information includes a product code, a cost per unit weight and

an amount of the target processed product;

a procedure causing the computer to store measuring apparatus master data based on the product code, the cost per unit weight and the amount of the target processed product, said measuring apparatus master data including information for generating labeling information which includes at least a product name;

10 a procedure causing the computer to generate the labeling information to be indicated on the label of the target processed product, by referring to the measuring apparatus master data based on the product information;

15 a procedure causing the computer to obtain a processed amount which indicates a total number or amount of the target processed product that is processed, based on the measurement information; and

20 a procedure causing the computer to output the product information, the measurement information and the processed amount with respect to the target processed product.

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